

*claims as enclosed to IPER*

**Claims**

5.

1. The use of ether alcohols of the general formula (I)



where

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$R^1$  is  $C_{1-3}$ -alkyl,

$n$  is on average 7 to 15,

EO is basic building blocks derived from ethylene oxide,

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as solvents, solubility promoters or dispersion auxiliaries for organic compounds which are insoluble or insufficiently soluble in lipophilic and hydrophilic media, and as dispersion auxiliaries or continuous phase for (micro)pigment dispersions.

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2. A solution of organic compounds which are insoluble or insufficiently soluble in lipophilic and hydrophilic media in ether alcohols of the general formula (I)



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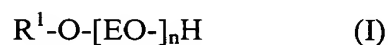
where

**AMENDED SHEETS**

$R^1$  is  $C_{1-3}$ -alkyl,  
 $n$  is on average 7 to 15,  
EO is building blocks derived from ethylene oxide.

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3. A dispersion of (micro)pigments and/or insoluble organic compounds in ether alcohols of the general formula (I)



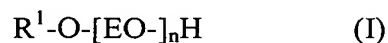
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where

$R^1$  is  $C_{1-3}$ -alkyl,  
 $n$  is on average 7 to 50,  
EO is building blocks derived from ethylene oxide.

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4. The use of ether alcohols of the general formula (I)



where

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$R^1$  is  $C_{1-3}$ -alkyl,  
 $n$  is on average 7 to 15,  
EO is building blocks derived from ethylene oxide,

**AMENDED SHEETS**

as solubility promoters for introducing cosmetic and/or pharmaceutical and/or agrochemical active ingredients into polyol-in-oil emulsions or polyol-in-oil-in-water emulsions.

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5. An ether alcohol/polyol-in-oil emulsion comprising at least one ether alcohol of the general formula (I)



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where

$R^1$  is  $C_{1-3}$ -alkyl,

$n$  is on average 7 to 15,

EO is building blocks derived from ethylene oxide,

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in an oil-immiscible ether alcohol/polyol phase, an oil phase and at least one emulsifier.

6. The emulsion as claimed in claim 5, characterized in that, in the general formula (I),  $R^1$  is  $C_{1-2}$ -alkyl, and  $n$  is on average 8 to 15.

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7. The emulsion as claimed in claim 6, characterized in that the ether alcohol is a methanol ethoxylate with 7 to 13 ethylene oxide units.

AMENDED SHEETS

8. The emulsion as claimed in any of claims 5 to 7, characterized in that at least 50% by weight of ether alcohol is present in the ether alcohol/polyol phase.
- 5 9. The emulsion as claimed in any of claims 5 to 8, characterized in that the ether alcohol/polyol phase comprises a cosmetic and/or pharmaceutical and/or agrochemical active ingredient dissolved in the phase.
- 10 10. A method of preparing emulsions as claimed in any of claims 5 to 9, characterized in that the ether alcohol/polyol phase and the oil phase, which may each comprise emulsifier, are heated separately to a temperature in the range from 20 to 90°C and then combined with stirring.
- 15 11. An ether alcohol/polyol-in-oil-water emulsion comprising at least one emulsion as claimed in any of claims 5 to 9 and additionally at least one aqueous phase.
12. The use of emulsions according to any of claims 5 to 9 and 11 in cosmetic and/or pharmaceutical and/or agrochemical active ingredient compositions.
- 20 13. A cosmetic and/or pharmaceutical and/or agrochemical active ingredient composition comprising at least one emulsion as claimed in any of claims 5 to 9 and 11.
- 25 14. A sunscreen composition comprising  
10 to 80% by weight of at least one ether alcohol, as is defined in claim 5,  
5 to 50% by weight of at least one (micro)pigment,  
5 to 50% by weight of at least one organic light protection filter  
30 and, if appropriate, further customary ingredients, where the total weight is 100% by weight.

**AMENDED SHEETS**